

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PROLONGED SUPPRESSION OF ELECTRICAL ACTIVITY IN EXCITABLE TISSUES

the specification of which (I authorize Choate, Hall & Stewart to check one of the following, three choices, and fill in the blanks, if applicable):

___ is attached hereto.

X was filed on December 2, 2003 as Application Serial Number XX/XXXX and amended on _____ (if applicable).

___ was filed as PCT international application No. _____, on _____ and was amended under PCT Article 19 on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

NUMBER	COUNTRY	FILING DATE	PRIORITY CLAIMED	
			YES	NO

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS

PCT Applications designating the United States:

PCT APPLICATION NUMBER	FILING DATE	STATUS

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national filing date of this application.

Provisional Application(s):

APPLICATION NUMBER	FILING DATE	STATUS
60/430,240	December 2, 2002	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United State Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of 1 st inventor	Daniel S. Kohane
Inventor's Signature	Date
Residence	41 Leslie Road, Newton, MA, 02459
Citizenship	United States
Post Office Address	Same

Full name of 2 nd inventor	Robert S. Langer
Inventor's Signature	Date
Residence	98 Montvale Road, Newton, MA 02459
Citizenship	United States
Post Office Address	Same

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kohane *et al.* Examiner: Unassigned
Serial No.: Unassigned Art Unit: Unassigned
Filed: December 2, 2003
For: Prolonged Suppression of Electrical Activity in Excitable Tissues

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

APPOINTMENT OF ATTORNEY UNDER 37 C.F.R. § 3.71

The undersigned, a person authorized to sign on behalf of the assignee, **Massachusetts Institute of Technology**, hereby appoints:

Practitioner	Registration Number
Sam Pasternack, Ph.D.	29,576
Donald W. Muirhead	33,978
Brenda Herschbach Jarrell, Ph.D.	39,223
Anne E. Saturnelli	41,290
Kevin Tormey	41,351
Elizabeth E. Nugent, Ph.D.	43,839
Theresa Devlin, Ph.D.	45,361
Valarie B. Rosen, Ph.D.	45,698
C. Hunter Baker, M.D., Ph.D.	46,533
Monica R. Gerber, M.D., Ph.D.	46,724
Elijah Cocks	47,499
Charles E. Lyon, Ph.D.	Limited Recognition Under 37 C.F.R. § 10.9(b)
Nadège M. Lagneau, Ph.D.	51,908
Stacy Blasberg	52,625

as its attorneys and agents for prosecution of matters relating to the above-identified patent application and to conduct all business in the United States Patent and Trademark Office.

All correspondence should be sent to:

Patent Department
C. Hunter Baker, M.D., Ph.D.
Choate, Hall & Stewart
Exchange Place, 53 State Street,
Boston, Massachusetts 02109

Respectfully submitted,

Name: _____

Title: _____

On behalf of _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kohane *et al.* Examiner: Unassigned
Serial No.: Unassigned Art Unit: Unassigned
Filed: December 2, 2003
For: Prolonged Suppression of Electrical Activity in Excitable Tissues

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

APPOINTMENT OF ATTORNEY UNDER 37 C.F.R. § 3.71

The undersigned, a person authorized to sign on behalf of the assignee, **The General Hospital Corporation**, hereby appoints:

Practitioner	Registration Number
Sam Pasternack, Ph.D.	29,576
Donald W. Muirhead	33,978
Brenda Herschbach Jarrell, Ph.D.	39,223
Anne E. Saturnelli	41,290
Kevin Tormey	41,351
Elizabeth E. Nugent, Ph.D.	43,839
Theresa Devlin, Ph.D.	45,361
Valarie B. Rosen, Ph.D.	45,698
C. Hunter Baker, M.D., Ph.D.	46,533
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Nadège M. Lagneau, Ph.D.	51,908
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as its attorneys and agents for prosecution of matters relating to the above-identified patent application and to conduct all business in the United States Patent and Trademark Office.

All correspondence should be sent to:

Patent Department
C. Hunter Baker, M.D., Ph.D.
Choate, Hall & Stewart
Exchange Place, 53 State Street,
Boston, Massachusetts 02109

Respectfully submitted,

Name: _____

Title: _____

On behalf of _____

ATTORNEY'S DOCKET NUMBER: 0492611-0532 (MIT 9851)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kohane *et al.* Examiner: Unassigned
Serial No.: Unassigned Art Unit: Unassigned
Filed: December 2, 2003
For: Prolonged Suppression of Electrical Activity in Excitable Tissues

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION
(37 CFR § 3.73(b))

The inventors of the above-referenced United States patent application have assigned their entire right, title, and interest in the inventions disclosed therein according to the following table:

Inventor	Assignee
Daniel S. Kohane	The General Hospital Corporation
Robert S. Langer	Massachusetts Institute of Technology

Thus, the Assignees of the inventors' entire right, title, and interest are:

Massachusetts Institute of Technology and;
The General Hospital Corporation

According to 37 CFR § 3.73(b), the Assignee is entitled to take action relating to the application in the Patent and Trademark Office if the Assignee establishes ownership to the satisfaction of the Commissioner.

Ownership by the assignee is established as follows:

_____ documents already recorded in the PTO on _____.

Reel _____ Frame _____; and

X documents separately submitted for recordal to the PTO (a copy of these documents is attached).

STATEMENT

I, person(s) authorized to sign on behalf of the Assignee, have reviewed the evidentiary documents referred to above and certify that, to the best of my knowledge and belief, title is mine/ours as Assignee who seeks to take further action.

Name/Title	Assignee	Date
Signature: _____ Name: _____ Title: _____	Massachusetts Institute of Technology	

Name/Title	Assignee	Date
Signature: _____ Name: _____ Title: _____	The General Hospital Corporation	

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Robert S. Langer** of **Newton, Massachusetts** hereby

Sells, assigns and transfers to **Massachusetts Institute of Technology**, having a place of business at **77 Massachusetts Avenue, Cambridge, MA 02139**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "**Prolonged Suppression of Electrical Activity in Excitable Tissues**" filed **December 2, 2003**, and given serial number **XX/XXX,XXX**, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
_____ this _____ day of _____, 20____.

Name: Robert S. Langer

STATE OF _____
SS.

COUNTY OF _____

Before me this _____ day of _____, 2003, personally appeared
_____ known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he/she executed the same as his/her free act and deed for the
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Daniel S. Kohane** of **Newton, Massachusetts**, hereby

Sell, assign and transfer to **The General Hospital Corporation**, having a place of business at **55 Fruit Street, Boston, MA 02114**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled **"Prolonged Suppression of Electrical Activity in Excitable Tissues"** filed **December 2, 2003**, and given serial number **XX/XXX,XXX**, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

_____ this _____ day of _____, 20____.

Name: Daniel S. Kohane

STATE OF _____
SS.

COUNTY OF _____

Before me this _____ day of _____, 2003, personally appeared
_____ known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he/she executed the same as his/her free act and deed for the
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: